Empowered by Innovation NEC

Specifications: **50XM6**

The latest generation **PlasmaSync 50" 50XM6** plasma pushes the industry standards of picture performance to extremes, especially in both public and multimedia display applications.

- 50 Inch Wide XGA Plasma
- 1365 x 768 Pixel Resolution
- NEW Crystal Clear Panel and Drive
- 16:9 Aspect Ratio
- Anti Reflective Front Filter
- Supports up to WUXGA: 1920 x 1200
- HD Ready (720P, 1080I and 1080P)
- Auto Dynamic Gamma Correction
- Auto Luminance Management
- Portrait Mode
- Video Wall: 2by2, 3by3, 4by4, 5by5, 1by5 and 5by1
- Programmable Timer
- Burn In Reduction Tools
- RS232 External Control
- Silent Operation
- Lower Power Consumption
- Only 99mm Deep
- Only 41.5kg

PlasmaSync™

50XM6 50” Wide XGA Multimedia Display

50” Wide XGA Multimedia Display

Specifications: **50XM6**

Product Code		PX-50XM6
Screen Size		1104 (H) x 621 (V) mm
Diagonal		50 inch (1266 mm)
Front Filter		AR (Anti-Reflective)
Aspect Ratio		16:9
Resolution		1365 (H) x 768 (V) pixels
Pixel Pitch		0.81 (H) x 0.81 (V) mm
Pixel Arrangement		RGB Vertical Stripe
Signals Synchronization Range		Horizontal: 15.5 to 110KHz (automatic: step scan) Vertical: 50.0 to 120.0 Hz (automatic: step scan)
Input Signals		Video: Composite / S NTSC(3.58 / 4.43) PAL(B,G,N,M), PAL60, SECAM; DTV: Y,Pb(Cb),PR(Cr),RGB;
		PC: (VGA, SVGA, XGA, SXGA, UXGA, W-VGA, W-XGA, W-SXGA, W-UXGA, MAC(Sync on green))
Input Interface	RGB 1	Mini D-Sub 15pin x 1
	RGB 2	BNC (R,G,B, H/CS, V) x 1
	RGB 3	DVI-D 25-pin x 1 HDCP (EIA/CEA-861)
	Video 1	BNC 1pin (Composite Video)
	Video 2	RCA 1pin (Composite Video)
	Video 3	S-Video DIN 4pin x 1
	DVD 1 / HD 1	RCA-pin (Y, PB[CB], PR[CR]) x 1
	DVD 2 / HD 2	BNC (Y, PB[CB], PR[CR]) x 1 (shared with RGB2, selectable)
	DVD 3 / HD 3	DVI-D 25-pin x 1 HDCP (EIA/CEA-861) (shared with RGB3, selectable)
	Audio	Stereo RCA x 3 (selectable)
Output Interface	Video	BNC 1pin (shared with Video 1 input, selectable)
	RGB	Mini D-Sub 15pin x 1 (shared with RGB 1 input, selectable)
	Sound Output	9W + 9W at 6 Ohms
External Control	Serial Communication	D-sub 9-pin x 1 [RS232C + AMX Café Duet]
Wired Remote Input Terminals		3P plug
Wired Remote Output Terminals		3P plug
General	Power Supply	AC 100 - 240V 50/60Hz
	Current Rating	5.0 A (Max)
	Power Consumption	340 W (Typ)
	Dimensions	1222(W) x 736(H) x 99(D) mm
	Weight	41.5 kg
	Fan Noise	22 dBA
Environmental Considerations	Temperature	(Operating) 0ºC to 40ºC, (Storage) -10ºC to 50ºC)
	Humidity	(no condensation): (Operating) 20% to 80%, (Storage) 10% to 90%
	Atmospheric Pressure	800 to 1100 hPa(Operation) / 700 to 1114 hPa(Storage)
Front Panel User Controls	6 Keys	Input Select / Exit, Right / +, Left / -, Up, Down, Menu / Enter
Remote Controller Functions	Type RP-115	Power on, Standby, Video, DVD / HD, RGB / PC, Cursor(Up, Down, Left, Right), Menu / Enter,
		Exit, Volume Up / Down, Mute, Pointer, Zoom +,-, Wide, Display, Off Timer, Auto Adjust,
		Select / Freeze, Side by Side, Picture in Picture, Single ID Select, Clear / Seamless SW
OSM Functions	Picture	Contrast / Brightness / Sharpness / Colour / Tint / Picture Mode / Noise Reduction / Colour Temperature / White Balance / Gamma / Low Tone / Colour Tune
	Audio	Bass / Treble / Balance / Audio Input 1 / Audio Input 2 / Audio Input 3
	Image Adjust	Aspect Mode / V-Position / H-Position / V-Height / H-Width / Auto Picture / Fine Picture / Picture Adjust / Underscan
	Option 1	OSM / BNC Input / D-Sub Input / RGB Select / HD Select / Input Skip / All Reset
	Option 2	Power Management / Cinema Mode / Long Life [PLE / Orbiter / Orbiter Set / Inverse / White / Screen Wiper / Soft Focus] / Gray Level / S1/S2 / Picture Size / DVI Setup / AMX Protocol Set
	Option 3	Timer / Pwr. On Mode / Control Lock / IR Remote / Loop Out / Remote ID / ID Number / Video Wall [Divider / Position Disp. Mode / Auto ID / Image Adjust / P. ON Delay / PLE Link / Timer]
	Option 4	Sub Picture [Sub. P. Detect / Display / Sub. P. Rate] / Zoom Nav / Picture Freeze / Seamless SW / Text Insert [Input/ Display / Sub. P. Rate / Pic. Rate]
	Advanced OSM	On/Off
	Language	[English / German / French / Spanish / Italian / Swedish / Russian / Greek / Portuguese / Turkish]
	Colour System	Auto / PAL / PAL-M / PAL60 / SECAM / 4.43 NTSC / 3.58 NTSC
	ID Select	ID Number
Other Features		**Motion Compensated 3D Scan Converter:** [NTSC, PAL, 480i, 576i, 525i, 625i, 1035i, 1080i]; **2-3 pull down Converter:** [NTSC, 480i, 525i, 1035i, 1080i (60Hz)]; **2-2 pull down Converter:** (PAL: 576i, 625i, NTSC: 480i, 525i); **Digital Zoom Function:** (100 - 900% Selectable); **Video Wall** (4-25 and 1 x 5 , 5 x 1 Multi Screen); **Self Diagnosis** (RS232 commands); **Burn In Reduction Tools** [PLE LOCK 1-3, INVERSE, WHITE, FLUID ORBITER (Auto 1,2 / Manual), SCREEN WIPER, SOFT FOCUS]; **Colour Temperature select** (High / Mid / Mid-Low / Low, User has 4 Memories); **Control Lock:** (Except power SW); **Auto Picture; Input Skip; Colour Tune** [R, G, B, Yellow, Magenta, Cyan]; **Low Tone** (3 Modes); **Auto ID; Programmable Timer** 10 Programs + 24hr Repeat (1-3) ; **Gamma Correction** (4 Modes); **Loop through interface; Plug and Play** (DDC1, DDC2b, RGB3: DD2b only); **Split Screen Function:** Side by Side (6 Modes) / Picture in Picture (4 Positions, 4 Sizes)
Accessories		Remote Control with two AAA batteries, Power Cable, Users Manual (CD ROM), Start Up Guide (Paper), Safety Metal Fixings, Ferrite Cores, Bands, Cable Clamps
Regulations	Safety	IEC60950-1: 2001, EN60950-1: 2001 + A11: 2004
	EMC	EN55022: 1998 + A1: 2000 + A2: 2003 class B, EN55024: 1998 + A2: 2003, EN61000-3-2: 2000, EN61000-3-3:1995 + A1: 2001

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PlasmaSync™ and OSM are trademarks of NEC Corporation. The plasma display panel consists of the fine picture elements (cells). Although NEC produces these plasma display panels with more than 99.99% of their cells active, there may be some cells that do not produce light or remain lit after they should have turned off. Light output of a PDP module gradually decreases over long-term use. Do not display static images for prolonged periods, otherwise a phosphor burn may appear on a part of the panel. Phosphor burns are not covered by the warranty. Status December 2006. Specifications may change without notice.

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50XM6-SPEC-UK 2006/7. SAP Code: 100008836